

What is claimed is:

Sub A
1. A digital camera for use with a printer having predetermined process colors and printing process characteristics, said camera comprising:
an imager to capture images;
an image processor with program memory for processing the captured image to produce an initially-processed image; and
additional program memory for further processing the initially-processed image to effect one or more of the following: decompression, color space transformation into color planes that coincide with the process colors of the particular printer, re-sizing, rotation, and compensation for the printing process of the printer.

SUB F 1
2. A digital camera as set forth in Claim 1 further comprising a parameter memory into which printer process parameters can be stored.

Sub D2
3. A digital camera as set forth in Claim 1 further adapted effect one or more of the following: image sensor tone scale compensation, color filter array interpolation, color space transformation, re-sizing, spatial filtering, and data compression.

Sub A2
4. A digital camera for use with printers having predetermined process color and printing process parameters, a camera interface, an inexpensive simple processor, a program memory, and a marking apparatus under the control of the program memory, said camera comprising:
an imager to capture images;
an image processor with program memory for processing the captured image to produce an initially-processed image;
additional program memory for further processing the initially-processed image to effect one or more of the following: decompression, color space transformation into color planes that coincide with the process colors of the particular printer, re-sizing, rotation, cropping, spatial filtering, compensation for the printing process, and media parameters; and

Sub ~~A3~~

a printer having predetermined process colors and printing process characteristics; and

Sub D4

Sub A

a printer having predetermined process color and printing process parameters, a camera interface, an inexpensive simple processor, a program memory, and a marking apparatus under the control of the program memory; and

a camera having an imager to capture images, an image processor with program memory for processing the captured image to produce an initially-processed image, additional program memory for further processing the initially-processed image to effect one or more of the following: decompression, color space transformation into color planes that coincide with the process colors of the particular printer, re-sizing, rotation, cropping, spatial filtering, compensation for the printing process, and media parameters and a printer interface for receiving

~~process color and printing process parameters from the printer and for transmitting processed images to the printer.~~

Add A^5

ADD C4

ADD D8

Adg!

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